

Medication Management for People with Persistent Asthma

Definition

The percentage of patients 5–64 years of age during the measurement year who were identified as having persistent asthma and were dispensed appropriate medications that they remained on during the treatment period. Two rates are reported:

1. The percentage of patients who remained on an asthma controller medication for at least 50 percent of their treatment period.
2. The percentage of patients who remained on an asthma controller medication for at least 75 percent of their treatment period.

Numerator

1. The number of patients who achieved a PDC of at least 50 percent for their asthma controller medications during the measurement year
2. The number of patients who achieved a PDC of at least 75 percent for their asthma controller medications during the measurement year

Denominator

Patients age 5–64 years by December 31 of the measurement year.

Denominator Codes

Visit Type	With Asthma Diagnosis
<u>ONE ED Visit</u> CPT: 99281, 99282, 99283, 99284, 99285 UBREV: 0450, 0451, 0452, 0456, 0459, 0981	J45.20, J45.21, J45.22, J45.30, J45.31, J45.32, J45.40, J45.41, J45.42, J45.50, J45.51, J45.52, J45.901, J45.902, J45.909, J45.990, J45.991, J45.998
<u>ONE Acute Visit</u> CPT: 99221- 99223, 99231- 99233, 99238, 99239, 99251- 99255, 99291 UBREV: 0100, 0110, 0111, 0112, 0113, 0114, 0119, 0120, 0121, 0122, 0123, 0124, 0129, 0130, 0131, 0132, 0133, 0134, 0139, 0140, 0141, 0142, 0143, 0144, 0149, 0150, 0151, 0152, 0153, 0154, 0159, 0160, 0164, 0167, 0169, 0200, 0201, 0202, 0203, 0204, 0206, 0207, 0208, 0209, 0210, 0211, 0212, 0213, 0214, 0219, 0720, 0721, 0722, 0723, 0724, 0729, 0987	
<u>FOUR Outpatient Visits</u> CPT: 99201-99205, 99211-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-	

99397, 99401-99404, 99411, 99412, 99420, 99429, 99455, 99456 UBREV: 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0519, 0520, 0521, 0522, 0523, 0526, 0527, 0528, 0529, 0982, 0983	
<u>FOUR Observation Visits</u> 99217, 99218, 99219, 99220	

OR

4 asthma medication refills during the measurement year

Description	Prescriptions
Antiasthmatic combinations	Dyphylline-guaifenesin Guaifenesin-theophylline
Antibody inhibitor	Omalizumab
Inhaled steroid combinations	Budesonide-formoterol Fluticasone-vilanterol Fluticasone-salmeterol Mometasone-formoterol
Inhaled corticosteroids	Beclomethasone Ciclesonide Budesonide Flunisolide Mometasone Fluticasone CFC free
Leukotriene modifiers	Montelukast Zafirlukast Zileuton
Mast cell stabilizers	Cromolyn
Methylxanthines	Aminophylline Dyphylline Theophylline
Short-acting, inhaled beta-2 agonists	Albuterol Levalbuterol Pirbuterol

Denominator Exclusions

1. Patients who had any diagnosis of any of the following, any time **during the patient's history through December 31 of the measurement year:**

Diagnosis	Code
Emphysema	ICD-10: J43.0, J43.1, J43.2, J43.8, J43.9, J98.2, J98.3 ICD-9: 492.0, 492.8, 518.1, 518.2
COPD	ICD-10: J44.0, J44.1, J44.9 ICD-9: 493.20, 493.21, 493.22, 496
Obstructive Chronic bronchitis	ICD-9: 437.20, 491.21, 491.22
Chronic Respiratory Conditions due to Fumes/Vapors	ICD-10: J68.4 ICD-9: 506.4
Cystic Fibrosis	ICD-10: E84.0, E84.11, E84.19, E84.8, E84.9 ICD-9: 277.00, 277.01, 277.02, 277.03, 277.09
Acute Respiratory Failure	ICD-10: J96.00, J96.01, J96.02, J96.20, J96.21, J96.22 ICD-9: 518.81

2. Patients who have no asthma controller medications dispensed during the measurement year:

Description	Prescriptions
Antiasthmatic combinations	Dyphylline-guaifenesin Guaifenesin-theophylline
Antibody inhibitor	Omalizumab
Inhaled steroid combinations	Budesonide-formoterol Fluticasone-salmeterol Mometasone-formoterol Fluticasone-vilanterol
Inhaled corticosteroids	Beclomethasone Budesonide Ciclesonide Flunisolide Mometasone Fluticasone CFC free
Leukotriene modifiers	Montelukast Zafirlukast Zileuton
Mast cell stabilizers	Cromolyn
Methylxanthines	Aminophylline Dyphylline Theophylline